



3ivx SETTINGS BY MICHAEL VERDI

Disclaimer: These are the settings that work for my purposes. Your mileage may vary.

These settings were derived from 2 days of trial and error. There are certainly many other ways to achieve satisfactory results. Feel free to use these as a starting point if you wish. I also found I could get pretty good results using the one pass encode. I think the dual pass results are amazing and worth the extra effort. These settings produce results that look like a DVD at 1/4 size. You can compress the video much, much more than this but my feeling is that I want you to see something like what I'm seeing on my output monitor. This document doesn't explain much about what the different options mean. Think of it as a quick-start template. You can read all about the various settings on the 3ivx site here:

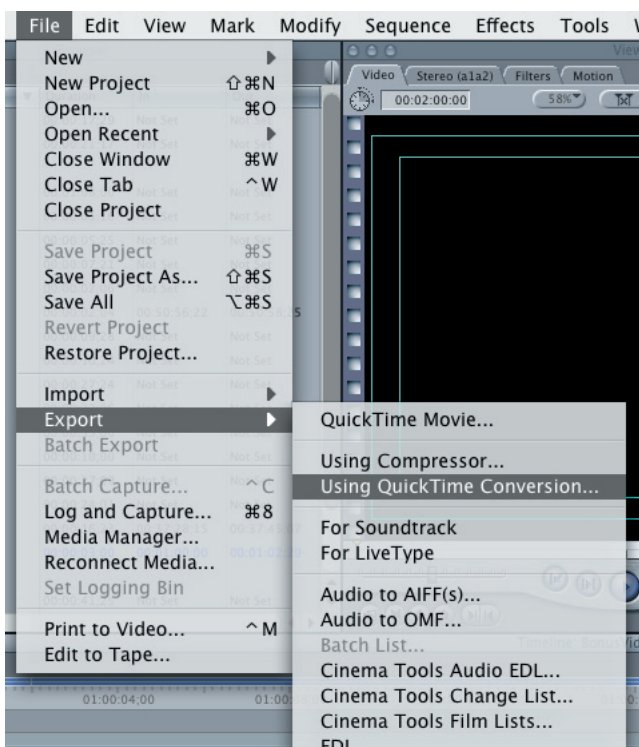
http://www.3ivx.com/support/mac/encoding/qt_pro_encoding.html

and

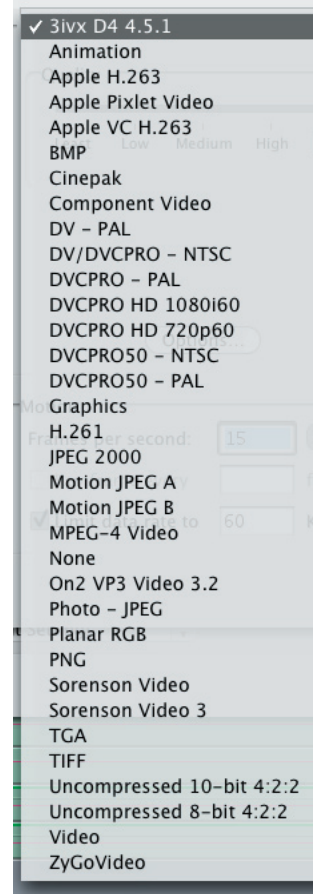
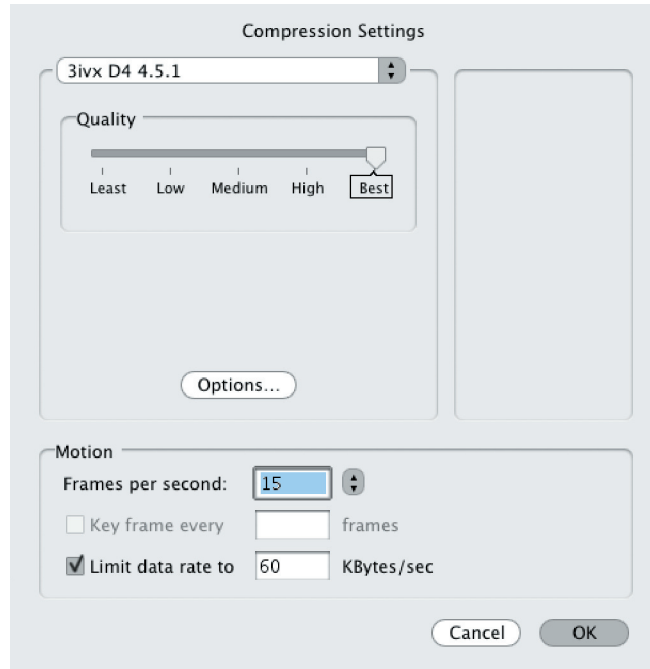
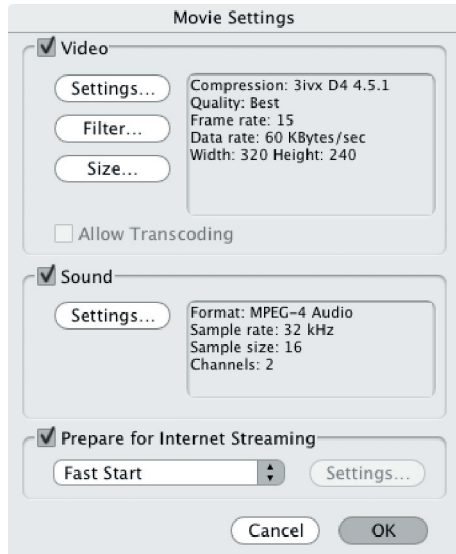
<http://www.3ivx.com/support/mac/encoding/quicktime.html>

If you have any questions, additions or corrections, please contact me at michael@michaelverdi.com

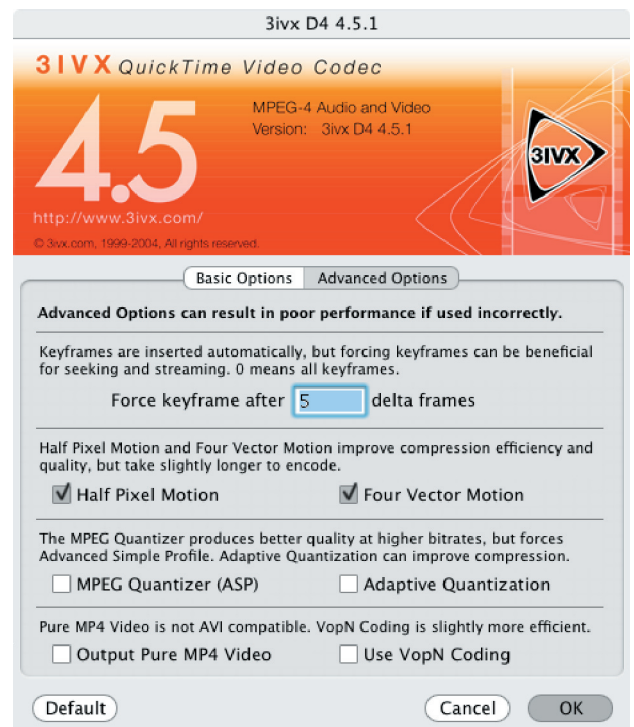
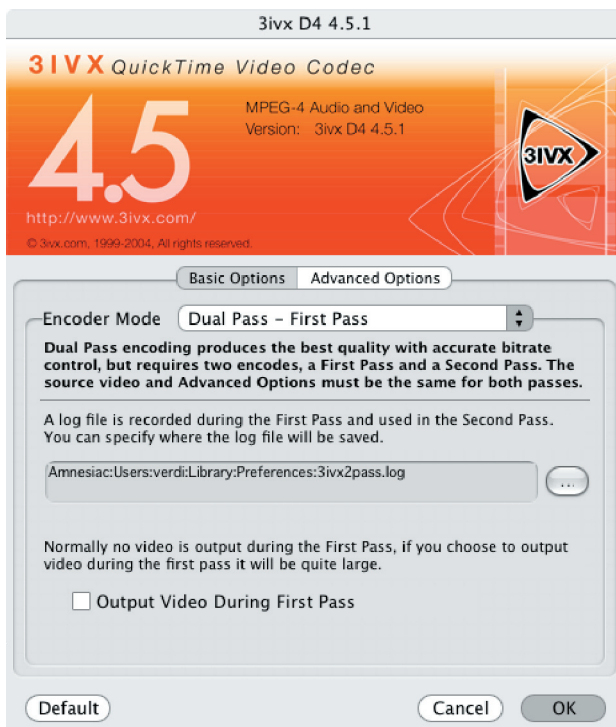
1. From Final Cut Pro, select FILE>EXPORT>USING QUICKTIME CONVERSION...
2. This will bring up a SAVE dialog. Click on OPTIONS... next to format.



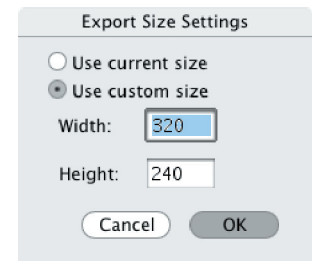
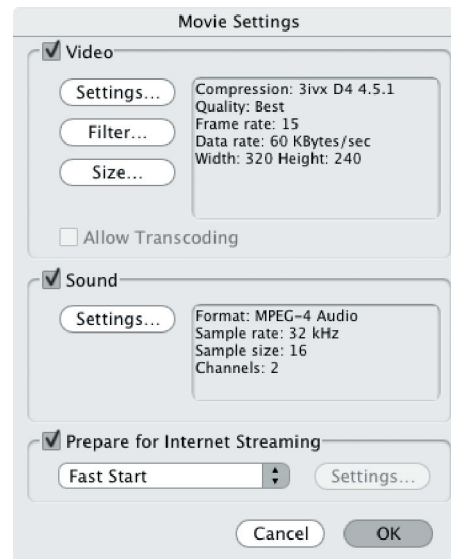
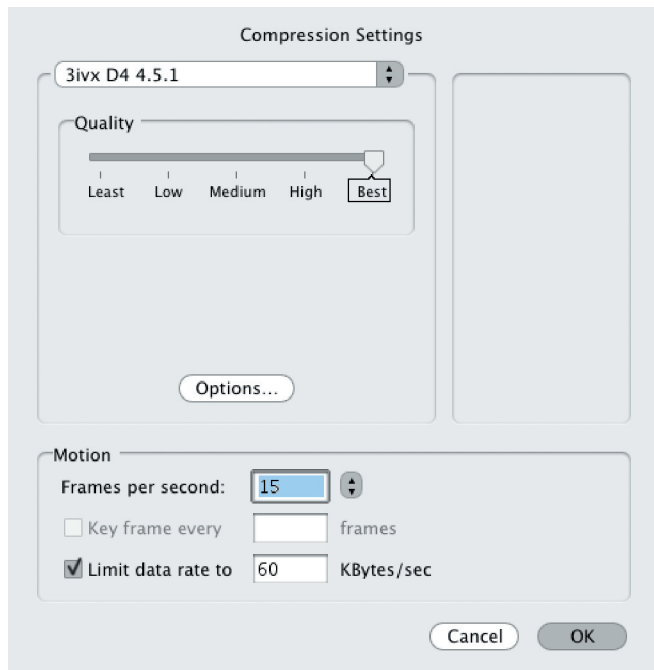
3. This brings up the MOVIE SETTINGS dialog. Here you can access all of the various video and audio codecs. Start by clicking on VIDEO SETTINGS...
4. This brings up the COMPRESSION SETTINGS dialog. Click the drop down menu at the top and select "3ivx D4 4.5.1" from the list of codecs.
5. Set the FRAMES PER SECOND to 15 and
6. LIMIT DATA RATE TO 60 KBytes/sec
7. Click OPTIONS... in the center of the COMPRESSION SETTINGS dialog.



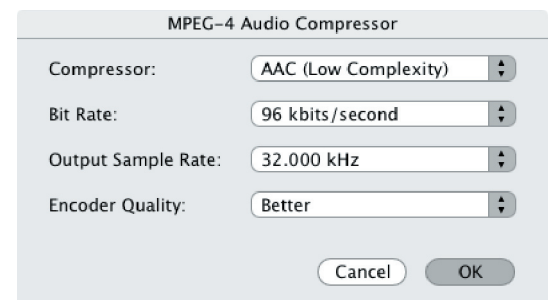
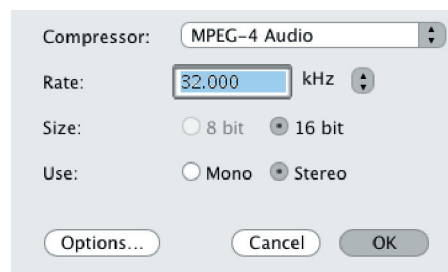
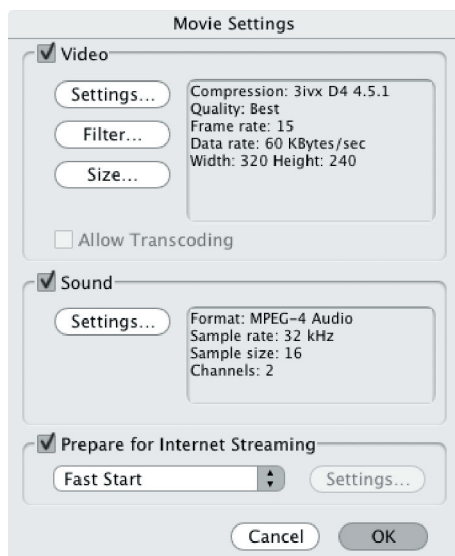
8. Now the 3ivx dialog will come up. First, from the ENCODE MODE drop down, select DUAL PASS - FIRST PASS.
9. Now switch to the ADVANCED OPTIONS and set FORCE KEYFRAME AFTER "5" DELTA FRAMES. Then check HALF PIXEL MOTION and FOUR VECTOR MOTION. Do not check the other settings. Now click OK.



10. This brings you back to the COMPRESSION SETTINGS dialog. Click OK.
11. Now you should be back to the MOVIE SETTINGS dialog. Click on SIZE... and set USE CUSTOM SIZE to WIDTH: 320, HEIGHT 240. Then click OK.



12. You should be back at the MOVIE SETTINGS dialog again. Now click on SOUND SETTINGS...
13. From the COMPRESSOR drop down select MPEG-4 AUDIO.
14. Set the RATE to 32.000 kHz. The SIZE will be 16 bit.
15. Choose MONO or STEREO. I usually only use stereo when I have music that is prominent.
16. Now click on OPTIONS... if you have switched from mono to stereo the bit rate will stick at 48 kbits/second. You'll want to increase that to 96 kbits/sec for stereo. Now click OK twice, and you are back to MOVIE SETTINGS.
17. Now check PREPARE FOR INTERNET STEAMING and select FAST START from the drop down. Now click OK.



18. This brings you back to the SAVE dialog. Now name your video and click save. This will start the FIRST PASS of the encode.

19. When the FIRST PASS is done, select FILE>EXPORT>USING QUICKTIME CONVERSION... again.

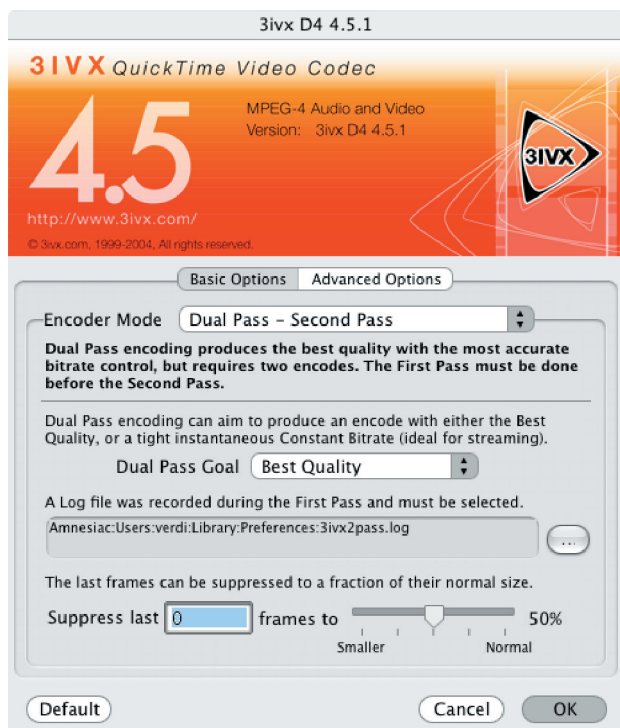


20. What you're doing now is setting up for the SECOND PASS of the encode. You want to click on the OPTIONS... button here. Then VIDEO SETTINGS... and then OPTIONS under COMPRESSION SETTINGS. This gets you to the 3ivx settings again.

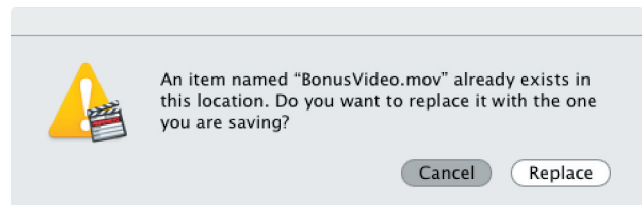
21. The only things you are going to change for this SECOND PASS are here in the 3ivx box. Under BASIC OPTIONS select DUAL PASS - SECOND PASS.

22. Then set the DUAL PASS GOAL to BEST QUALITY.

23. Click OK here, then click OK in the COMPRESSION SETTINGS dialog, then click OK in the MOVIE SETTINGS dialog.



24. Now you should be back to the SAVE dialog. Click SAVE and you will get a warning about overwriting a file with the same name. Click REPLACE and the SECOND PASS of the encode will start.



25. That's it! Wasn't that easy?